Springfield BECKLEY | AIRPORT BUSINESS PARK UAS FACILITIES

UAS FACILITIES

Connect With the Unmanned Aircraft Systems (UAS) Industry

Springfield-Beckley offers an ideal location for the development, flight-testing, and verification of innovative technology and is located in the middle of the United States' most prominent locations for UAS development. This region fosters collaborative partnerships with business and government entities. Springfield-Beckley is a short drive from Wright-Patterson Air Force Base - Air Force Institute of Technology (AFIT), the Air Force Research Labs (AFRL), and multiple Air Force commands.

Military units are co-located at Springfield-Beckley and open the door for potential joint training, testing, and development opportunities. The Ohio Air National Guard still maintains a large presence at Springfield-Beckley. The past F-16 fighter mission has transitioned to an Intelligence, Surveillance, and Reconnaissance (ISR) Wing, and is actively supporting the flight of the MQ-9 Reaper Mission.

Springfield-Beckley Municipal Airport has two large intersecting runways; paved, well-lit areas for launch and recovery operations; and large arm and de-arm pads. A state-of-the-art air traffic control tower features military grade amenities. Springfield-Beckley allows your business to be creative, flexible, and efficient to keep up with this growing industry.

Test & Develop from Concept to Manufacturing

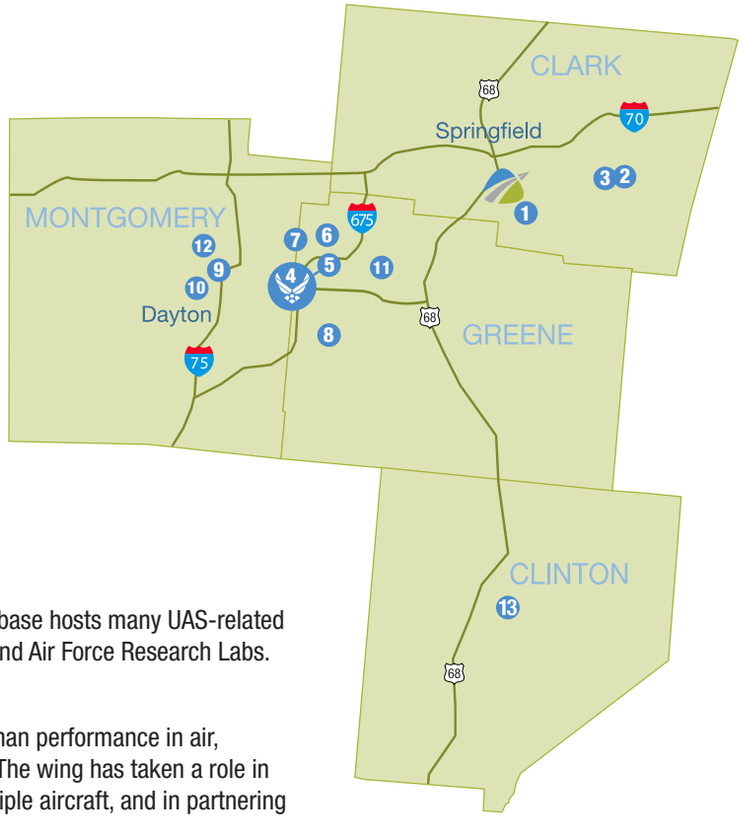
Springfield-Beckley Municipal Airport has the infrastructure necessary to launch, operate, and recover UAS aircraft, and support UAS subsystem development and UAS escort operations.

Springfield-Beckley's access to this facility allows for seamless growth in the industrial park starting with research and development and scaling to manufacturing.

SelectTech Achieves UAS Prototyping

SelectTech Geospatial Advanced Manufacturing Facility is located at Springfield-Beckley and has a 17,000 square foot hangar on the flight line. SelectTech focuses on high tech engineering and design, software development, manufacturing and production, and product validation and testing (including extensive flight testing). SelectTech uses Springfield-Beckley for their production and field-testing of components and UAV subsystems.

UAS Support Network



1. **Springfield-Beckley** is an 1,800 acre business park complex which hosts the Springfield-Beckley general aviation airport, the Air National Guard, Army National Guard and Reserve, and commercial businesses.

2. **The Ohio/Indiana Unmanned Aerial Systems Center and Test Complex**, located at Nextedge Applied Research and Technology Park, serves as a base of operations for the flight testing of unmanned aircraft in Ohio and Indiana and as a site for data analysis, modeling, simulations and mission planning.

3. **Nextedge Applied Research and Technology Park** is a state-of-the-art business park that is home to companies specializing in advanced technology. Nextedge features a fiber optic ring that connects businesses with Springfield, Springfield-Beckley, and Wright-Patterson Air Force Base.

4. **Wright-Patterson Air Force Base** serves as the headquarters for the United States Air Force Material Command. The base hosts many UAS-related teams and initiatives, including the 711th Human Performance Wing and Air Force Research Labs. It is one of the largest Air Force bases in the world.

5. **The 711th Human Performance Wing's** mission is to advance human performance in air, space and cyberspace through research, education and consultation. The wing has taken a role in improving UAVs by making it easier for a single person to control multiple aircraft, and in partnering with educational institutions and other organizations to advance UAV technical capability.

6. **ATIC, the Advanced Technical Intelligence Center for Human Capital Development**, is an independent, non-profit organization that provides highly classified intelligence training in areas such as cyber security, counterterrorism and reading intelligence documents.

7. **The Air Force Research Laboratory** (AFRL) is dedicated to the discovery, development, and integration of warfighting technologies in air, space, and cyberspace. AFRL leads the Air Force in making significant investments in UAS research and development.

8. **The National Center for Medical Readiness** (NCMR) provides medically oriented education, training, product testing, and research opportunities for medical and non-medical civilian and military personnel. The US Air Force has awarded funding to the NCMR and WSURI to conduct medical readiness training and exercises in conjunction with the 711th Human Performance Wing.

9. **The University of Dayton Research Institute** (URDI) is a collaborative enterprise of government, industry, and academia that focuses on comprehensive systems design. UDRI's Center for Unmanned Aerial Vehicles Exploitation has state-of-the-art equipment to support UAV research and development.

10. **Sinclair Community College** maintains an educational partnership with the City of Springfield, including CoAs for UAS flight-training, to provide students with vital foundational knowledge necessary for advancement in the UAS field.

11. **Wright State University Research Institute** (WSURI) provides a common gateway to university capabilities, researchers, scientists, and staff. Projects include testing and developing unmanned aerial vehicles (UAV), along with building and executing digital simulations that can solve difficult problems in aviation, commerce, defense, and energy. One of WSURI's latest projects includes designing and deploying a mobile command and control center for UAV operations.

12. **The Institute for the Development and Commercialization of Advanced Sensor Technology** (IDCAST) hosts the Center for Unmanned Aerial Vehicles Exploitation and focuses on sensor communications, control and power integration issues for UAVs less than 150 pounds.

13. **The Wilmington Air Park** is an integrated Aviation and Logistics Business Park located on 1,900 acres in central Ohio. The Air Park features nearly 3 million square feet of industrial, office and hangar space. As a fully functional airport with two runways and CAT III instrument approach, the Wilmington Air Park can land aircraft as large as a Boeing 747.